



Serial No.: 10/065,141
Confirmation No.: 2759
Applicant: LEE, Li-Jien
Atty. Ref.: 11836.0735.NPUS00
PA-0123US

AMENDMENTS TO THE CLAIMS:

IN THE CLAIMS:

Please amend the claims in the following manner:

1-15. (Canceled)

16. (Original): The process of using proppants coated with polymerized alpha-hydroxycarboxylic acid for a gravel pack operation to fill the annular space between the formation and production screen and filter cake removal comprising:

combining said proppants with a gravel pack fluid to create a mixture;
pumping said mixture downhole into the annular space between the formation and production screen; and,
letting said proppants contact the filter cake until the acid-soluble and acid-breakable components in the filter cake are broken down.

17. (Original): The process of claim 16 wherein the proppants are polyglycolic-acid coated sand.

18. (Original): The process of claim 16 wherein the gravel pack fluid comprises water, brines, and electrolytes.

19. (Original): The process of claim 16 wherein the gravel pack fluid comprises NaCl, KCl, Ca Cl₂, CaBr₂ and mixtures thereof.

20. (Original): The process of claim 16, wherein the mixture is left in the well for at least 24 hours.



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21. (Original): The process of claim 16 wherein the proppants coated with polymerized alpha-hydroxycarboxylic acid are mixed with un-coated proppants.

22. (Original): The process of claim 21 wherein the proppants are polyglycolic-acid coated sand, and the un-coated proppants are conventional gravel pack sand.

23. (Canceled)

24. (Canceled)

25. (Original): The process of using proppants coated with polymerized alpha-hydroxycarboxylic acid for a gravel pack operation to fill the annular space between the formation and production screen comprising:

combining said proppants with a gravel pack fluid to create a mixture, and pumping said mixture downhole into the annular space between the formation and production screen.

26. (Original): The process of claim 25 wherein the proppants are coated with polyglycolic acid.
